

## **ELECTROMAGNETIC RELAY**

### **Abstract**

A small-sized electromagnetic relay which can afford high current and dissipate generated heat efficiently is disclosed. A plate section 18c for coupling to one side of a yoke 14 is formed on a movable contact terminal 18. Countersunk rivet features at three or more positions which are not aligned on a line on the plate section 18c couple the movable contact terminal 18 to the yoke 14. A base end 16b of a movable contact spring 16 is coupled to the surface of the plate section 18c opposite to the yoke 14 to support the movable contact spring 16. In the countersunk rivet feature, each protrusion 14a formed on the yoke 14 is inserted into the corresponding countersunk hole 18d formed on the plate section 18c, respectively, and the tops of the protrusions 14a are crushed to expand its diameter so as to sandwich the plate section 18c against the yoke 14.

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